·			PCT/JE	03/15730	
A. CLAS	SIFICATION OF SUBJECT MATTER C1 <sup>7</sup> F16C33/20				
According to International Patent Classification (IPC) or to both national classification and IPC					
	S SEARCHED				
Int.	locumentation searched (classification system followed C1 F16C33/20		·		
Koka:	tion searched other than minimum documentation to the transfer of the transfer	Toroku Jitsuyo Jitsuyo Shina	o Shinan Koho n Toroku Koho	o 1994–2004 o 1996–2004	
	lata base consulted during the international search (na	me of data base and, whe	re practicable, sear	ch terms used)	
C. DOCU	MENTS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where a		nt passages	Relevant to claim No.	
Υ .	JP 2002-147459 A (NDC Kabus 22 May, 2002 (22.05.02), Full text; Fig. 1 (Family: none)		-	1-4	
Y	EP 1236914 A1 (TAIHO KOGYO CO., LTD.), 04 September, 2002 (04.09.02), Page 3, lines 19 to 36 & JP 2002-61652 A column 3, lines 2 to 30			1-4.	
Y	JP 10-131969 A (Mitsubishi F Ltd.), 22 May, 1998 (22.05.98), Figs. 1 to 2 (Family: none)	leavy Industri	es,	1-4	
× Furthe	er documents are listed in the continuation of Box C.	Coe natent famil	<u>_</u>	•	
* Special	calegories of cited documents:	See patent famil			
"A" docume consider date "L" docume cited to special "O" docume means "P" docume than the Date of the a 0.2 Ma	ent defining the general state of the art which is not red to be of particular relevance document but published on or after the international filing and which may throw doubts on priority claim(s) or which is establish the publication date of another citation or other reason (as specified) and referring to an oral disclosure, use, exhibition or other and published prior to the international filing date but later priority date claimed cital completion of the international search arch, 2004 (02.03.04)	priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art document member of the same patent family  Date of mailing of the international search report  16 March, 2004 (16.03.04)			
Name and mailing address of the ISA/ Japanese Patent Office		Authorized officer			
Facsimile No.		Telephone No.			



memational application No. PCT/JP03/15730

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
P,A	JP 2003-269454 A (Mitsubishi Heavy Industries, Ltd.), 25 September, 2003 (25.09.03), Full text (Family: none)	1-4		
Form PCT/	ISA/210 (continuation of second cheet) (July 1000)			